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(54) Title: PREVENTION AND TREATMENT OF AMYLOIDOGENIC DISEASE

(57) Abstract: The invention provides improved agents and methods for treatment of diseases associated with amyloid deposits of $A\beta$ in the brain of a patient. Such methods entail administering agents that induce a beneficial immunogenic response against the amyloid deposit. The methods are useful for prophylactic and therapeutic treatment of Alzheimer's disease. Preferred agents including N-terminal fragments of $A\beta$ and antibodies binding to the same.

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INTERNATIONAL SEARCH REPORT

Internat. | Application No PCT/US 00/14810

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 A61K39/395 A61K38/17

C. DOCUMENTS CONSIDERED TO BE RELEVANT

A61P25/28 A61K48/00

A61K39/39 A61K39/00 //C07K16/18,C07K14/47

G01N33/68

According to International Patent Classification (IPC) or to both national classification and IPC

 $\begin{array}{ll} \text{Minimum documentation searched (classification system followed by classification symbols)} \\ IPC 7 & C07K \end{array}$

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

STRAND, MEDLINE, LIFESCIENCES, CANCERLIT, AIDSLINE, CHEM ABS Data, EMBASE, SCISEARCH, WPI Data, EPO-Internal, PAJ, BIOSIS

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X Furt	ther documents are listed in the continuation of box C.	Patent family members are listed	in annex.		
'A' docum consid 'E' earlier filling of 'L' docum which citatio 'O' docum other	ategories of cited documents: ent defining the general state of the art which is not dered to be of particular relevance document but published on or after the international date ent which may throw doubts on priority claim(s) or is cited to establish the publication date of another in or other special reason (as specified) went reterring to an oral disclosure, use, exhibition or means ent published prior to the international filing date but than the priority date claimed	or priority date and not in conflict with cited to understand the principle or the invention 'X' document of particular relevance; the cannot be considered novel or cannot involve an inventive step when the document of particular relevance; the cannot be considered to involve an indocument is combined with one or ments, such combination being obvious in the art.	 "X" document of particular relevance; the claimed Invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled 		
Date of the	actual completion of the international search	Date of mailing of the international se	arch report		
2	29 November 2000	15/12/2000			
Name and	mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl. Fax: (+31-70) 340-3016	Authorized officer Covone, M			

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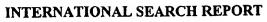
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